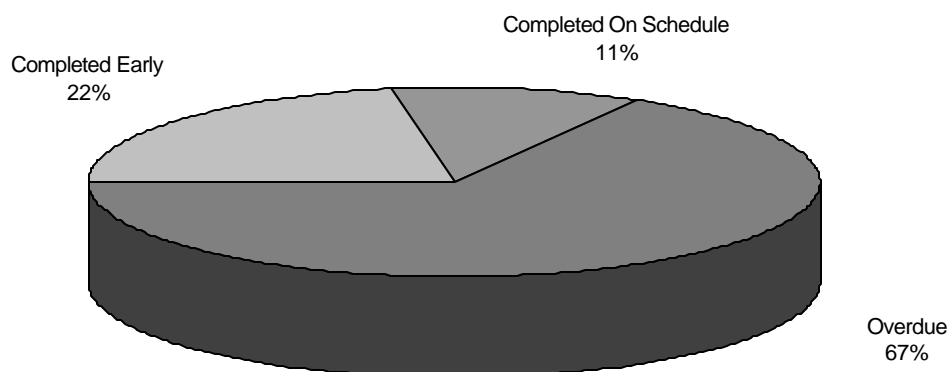


**EM - 50**

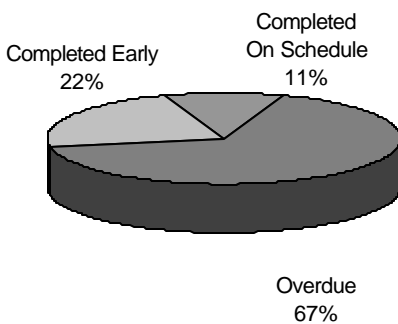
**M I L E S T O N E A C H I E V E M E N T**

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2000
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	13	4	17
FO	0	0	0	0	0	0	0	0
RL	2	1	0	6	0	49	8	66
<b>Total Project</b>	2	1	0	6	0	62	12	83

**Total Project**



**R L**



## EM-50 Exceptions

<u>Number</u>	<u>Level</u>	<u>Milestone Title</u>	<u>BASELINE Date</u>	<u>FORECAST Date</u>
<b>OVERDUE – 6</b>				
<b>009DD61/3</b>	<b>RL</b>	Award Contract for Robotic Work	10/15/99	1/31/00
<b>2.1.1 (AMT)</b>		Platform		
<b>Cause:</b> RFP was sent out to all potential vendors. Review of submittals has delayed issuance of the contract.				
<b>Impact:</b> None				
<b>Corrective Action:</b> The contract will be awarded in January 2000.				
<b>49MW21/C-2</b>	<b>RL</b>	Produce Report Mapping the Matrix Space	11/15/99	Proposed
<b>2.1.1 (AMT)</b>		in Hanford Waste Boxes		Deletion
<b>Cause:</b> Activities at WRAP were focused on preparing shipments to WIPP.				
<b>Impact:</b> None				
<b>Corrective Action:</b> Funding for this TTP was returned to the Mixed Waste Focus Area. This task is cancelled.				
<b>49MW21/B-4</b>	<b>RL</b>	Issue Software Test Reports	12/01/99	Proposed
<b>2.1.1 (AMT)</b>		in Hanford Waste Boxes		Deletion
<b>Cause:</b> Activities at WRAP were focused on preparing shipments to WIPP.				
<b>Impact:</b> None				
<b>Corrective Action:</b> Funding for this TTP was returned to the Mixed Waste Focus Area. This task is cancelled.				
<b>09WT22/C11</b>	<b>RL</b>	Issue Hanford Data Requirements for	12/15/99	03/31/00
<b>2.1.1 (AMT)</b>		Operational Improvement Tests		
<b>Cause:</b> Projects are reviewing user needs for this activity.				
<b>Impact:</b> None				
<b>Corrective Action:</b> The Tanks Focus Area, ORP, and CH2M Hill are discussing redefinition of scope, assignment and funding for this task. As soon as this task is redefined, a change request and revised TTP will be submitted.				
<b>09WT22/C41</b>	<b>RL</b>	Issue Func. Requirements for Variable	12/15/99	03/31/00
<b>2.1.1 (AMT)</b>		Depth Transfer Pump		
<b>Cause:</b> Projects are reviewing user needs for this activity.				
<b>Impact:</b> None				
<b>Corrective Action:</b> The Tanks Focus Area, ORP, and CH2M Hill are discussing redefinition of scope, assignment and funding for this task. As soon as this task is redefined, a change request and revised TTP will be submitted.				

**008WT51/1 RL** Issue Product Delivery Expectations on 12/15/99 02/10/00  
**2.1.1 (AMT)** Technologies for Remote Pit Enhancements

**Cause:**

**Impact:** None

**Corrective Action:** The Memorandum of Understanding is in the process of being established. A River Protection Project Project Manager has been selected. This milestone will be complete in February, 2000.

## **FORECAST DELAY – 12**

**030C211/A01 HQ** Complete Comprehensive Report on 9/30/00 12/31/00  
**3.5.6 (AMT)** Instrument Development

**Cause:** This milestone has been delayed because prerequisite decision requirements for the separation process have not yet been made, and are not expected until the middle of January 2000.

**Impact:** None

**Corrective Action:** A revised TTP will be generated after replanning is completed.

**030C211/A11 HQ** Complete Demonstration of Gamma 8/31/00 9/30/00  
**3.5.6 (AMT)** Spectrometer

**Cause:** This milestone has been delayed because prerequisite decision requirements for the separation process have not yet been made, and are not expected until the middle of January 2000.

**Impact:** None

**Corrective Action:** A revised TTP will be generated after replanning is completed.

**030C211/A21 HQ** Complete Demonstration of Neutron 4/30/00 9/30/00  
**3.5.6 (AMT)** Counting System

**Cause:** This milestone has been delayed because prerequisite decision requirements for the separation process have not yet been made, and are not expected until the middle of January 2000.

**Impact:** None

**Corrective Action:** A revised TTP will be generated after replanning is completed.

**09WT22/A11 RL** Complete Functional Requirements for 3/10/00 6/30/00  
**2.1.1 (AMT)** Sluicing of Tanks Beyond C-1

**Cause:** Projects are reviewing user needs for this activity

**Impact:** None

**Corrective Action:** The Tanks Focus Area, ORP, and CH2M Hill are discussing redefinition of scope, assignment and funding for this task. As soon as this task is redefined, a change request and revised TTP will be submitted.

**09WT22/C21 RL** Complete Functional Requirements for 4/30/00 7/31/00  
**2.1.1 (AMT)** Sluicing of Tanks Beyond C-1

**Cause:** Projects are reviewing user needs for this activity

**Impact:** None

**Corrective Action:** The Tanks Focus Area, ORP, and CH2M Hill are discussing redefinition of scope, assignment and funding for this task. As soon as this task is redefined, a change request and revised TTP will be submitted.

**09WT22/C31 RL** Complete Functional Requirements for 4/30/00 7/31/00  
**2.1.1 (AMT)** Sluicing of Tanks Beyond C-1

**Cause:** Projects are reviewing user needs for this activity

**Impact:** None

**Corrective Action:** The Tanks Focus Area, ORP, and CH2M Hill are discussing redefinition of scope, assignment and funding for this task. As soon as this task is redefined, a change request and revised TTP will be submitted.

**035C223/A11 HQ** Project Review 2/11/00 3/31/00  
**3.5.6 (AMT)** Issue Phase D Test Report

**Cause:** Project review date has been delayed by Subsurface Contaminants Focus Area to mid-March.

**Impact:** None

**Corrective Action:** Change Request # PTD00-011 has been submitted to RL to revise the milestone date.

**036WT51/A14 RL** Complete Test of 50-HP Flygt Mixer and 1/30/00 4/30/00  
**3.5.4 (AMT)** Issue Phase D Test Report

**Cause:** During November, a preliminary test of the Flygt Mixer was conducted to check out the test system & the DAS. A propeller blade failed during a water operation on Nov 17, 1999 & will be replaced mid-January. Due to this delay, the mixer run-in test cannot be completed on schedule.

**Impact:** None

**Corrective Action:** A change request will be submitted to delay this milestone completion date.

**037C131/A11 RL** Participate in the AEAT Outline Design 3/31/00 06/30/00  
**3.5.6 (AMT)** Review

**Cause:** PNNL staff activities are currently on hold until activities are kicked off for the parent program, the Nested, Fixed-Depth Fluidic Sampler and At-Tank Analysis System Program, RL08WT22.

**Impact:** None

**Corrective Action:** Milestone will be revised upon resolution of RL08WT22.

**037C131/A12 RL** Issue Letter Report on Nested Sampler 7/15/00 10/15/00  
**3.5.6 (AMT)** Cold Test Recommendations

**Cause:** PNNL staff activities are currently on hold until activities are kicked off for the parent program, the Nested, Fixed-Depth Fluidic Sampler and At-Tank Analysis System Program, RL08WT22.

**Impact:** None

**Corrective Action:** Milestone will be revised upon resolution of RL08WT22.

**037C131/B11 RL** Issue Design Recommendations and 2/15/00 7/15/00  
**3.5.6 (AMT)** Specifications for Enhanced Pit Operations

**Cause:** PNNL staff are under a hold for technical activities pending authorization of support funding on the W-314 Project/Tank Farm Operations side.

**Impact:** None

**Corrective Action:** Milestone will be revised upon resolution of W-314.

**037WT31/B32 RL** Issue Next “Phase” Test Matrix for 1/30/00 3/30/00  
**3.5.4 (AMT)** INEEL CVS Study

**Cause:** Task will begin once projected waste compositions are available from INEEL. This input was scheduled by the end of November and hasn't yet been delivered. The status was discussed in a meeting with the end-users, the TFA TIM and co-investigators. The current scheduled completion date of 3/30/00.

**Impact:** None

**Corrective Action:** This milestone will be completed by March 30, 2000. Task will begin once projected waste compositions are available from INEEL.

## **OVERDUE – 3 (FY 1999)**

**08WT21/C1 HQ** Document Deployment of the Corrosion 9/30/99 1/10/00  
**2.1.1 (AMT)** Probe

**Cause:** Tank Farm Operations priorities and work package review issues have delayed this task until January 2000.

**Impact:** None

**Corrective Action:** The probe will be deployed January 13, 2000.

**08WT22/H-1 RL** Issue Revised Deployment Strategy 8/30/99 2/28/00  
**2.1.1 (AMT)** and Plan

**Cause:** The strategy of this task has been modified to include a mobile sampler system, which has caused the revision of this plan to be delayed.

**Impact:** None

**Corrective Action:** This plan will be issued by 2/28/00.

**49MW21/A-2 RL** Submit BWAS Characterization Plan 8/31/99 Proposed  
**2.1.1 (AMT)** Deletion

**Cause:** Activities at WRAP were focused on preparing shipments to WIPP.

**Impact:** None

**Corrective Action:** Funding for this TTP was returned to the Mixed Waste Focus Area. This task is cancelled.